## CLAIM AMENDMENTS:

Claim 1 (Canceled).

Claim 2 (Currently Amended):  A~~The~~ stone slicer ~~of claim 1~~, comprising:

a base on which a stone is placed;

four columns vertically installed at four respective edges of the base;

a pair of platforms respectively installed on a left side and a right side of

said base, and being adapted to simultaneously move up and down the

columns, each platform having at least one of a driving pulley and a driven

pulley;

platform driving means for moving the platforms up and down;

at least one endless belt saw having opposite ends, one of the ends being

engaged with a driving pulley of one of the platforms, and another one of the

ends being engaged with a driven pulley of another one of the platforms; and

belt saw driving means for driving the belt saw to slice the stone placed on

the base to a predetermined thickness, by rotating the driving pulley to thereby

cause the belt saw to rotate along an endless track, ~~wherein~~ the belt saw driving

means comprising (80) ~~comprises:~~

a driving motor ~~(81)~~;

a helical gear ~~(83)~~ connected to the driving motor, and horizontally

extending in a direction from a rear of the one of the platforms to a front of the one

of the platforms; ~~(81) and~~

a power transmission means (82) including a <u>driven</u> belt or a chain coupled to said driving motor and said helical gear <s>to be driven and horizontally</s> <s>elongated in the front and rear directions of the platform (30)</s>; <u>and</u>

<u>a</u> vertical gear<s>s (84)</s> geared <u>to</u> <s>into</s> the <s>left and right of the</s> helical gear<u>, the</u> <s>(83); and</s> driving pulley<s>s (50)</s> <u>being</u> axially <u>aligned and</u> connected to the vertical gear<s>s (84)</s>.


Claim 3 (Currently Amended): The stone slicer of claim 2, <u>further</u> comprising <s>wherein each</s> pair<u>s</u> of auxiliary pulleys <s>(85, 86) are</s> <u>respectively</u> installed in <u>a region of</u> the driving pulley<s>s (50)</s> and the driven pulley<s>s (60)</s>, thereby <s>adjusting an interval between the belt saws 70 and</s> imparting tension to the belt saws <s>(70)</s>.


Claim 4 (Currently Amended): <s>The</s> <u>A</u> stone slicer <s>of claim 1</s>, <u>comprising:</u>

<u>a base on which a stone is placed;</u>

<u>an upper plate disposed over said base;</u>

<u>four columns vertically installed at four respective edges of the base;</u>

<u>a pair of platforms respectively installed on a left side and a right side of said base, and being adapted to simultaneously move up and down the columns, each platform having at least one of a driving pulley and a driven pulley, said platforms being threadedly engaged with the columns;</u>

<u>platform driving means for moving the platforms up and down;</u>

at least one endless belt saw having opposite ends, one of the ends being engaged with a driving pulley of one of the platforms, and another one of the ends being engaged with a driven pulley of another one of the platforms; and

belt saw driving means for driving the belt saw to slice the stone placed on the base to a predetermined thickness, by rotating the driving pulley to thereby cause the belt saw to rotate along an endless track;

wherein the platform driving means ~~(40, 40') for elevating the platforms (30, 30')~~ include

synchronized driving motors ~~(42, 42')~~ respectively installed at ~~either side of~~ a left side and a right side of the upper plate ~~10' left and right~~, and which rotate forward and backward at a constant speed,

sprockets respectively~~(22', 24', 26', 28')~~ installed at ~~the~~ upper ends of the columns ~~(22, 24, 26, 28)~~, and

chains respectively ~~(44, 44')~~ installed between two of the columns ~~(22, 24)~~ and one of the driving motors, ~~(42)~~ and between another two of the columns ~~(26, 28)~~ and ~~the~~ another one of the driving motors ~~(42')~~, whereby the driving motors cause the columns to ~~22, 24, 26, 28~~ rotate so that ~~and then~~ the platforms, which are ~~30, 30'~~ threaded with the columns, are moved up or down ~~22, 24, 26, 28 elevate accordingly~~ as the driving motors ~~42, 42' of either side are synchronized and~~ rotate ~~forward and backward at a constant speed~~.